

## SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 15:49:48 ON 30 OCT 2007)

FILE 'HCAPLUS' ENTERED AT 15:50:50 ON 30 OCT 2007

FILE 'HCAPLUS' ENTERED AT 15:51:26 ON 30 OCT 2007

E BROWN STANLEY BEAMES/AU

L1 133 SEA ABB=ON ("BROWN STANLEY B"/AU OR "BROWN STANLEY BEAMES"/AU)

E O GRADY CASSANDRA CLAIRE/AU

L2 4 SEA ABB=ON ("O GRADY CASSANDRA CLAIRE"/AU OR "O GRADY CASSANDRA CLARE"/AU)

E GRIFFITHS JOHN/AU

L3 170 SEA ABB=ON "GRIFFITHS JOHN"/AU

E MELLISH KIRSTE JOANNE/AU

L4 12 SEA ABB=ON ("MELLISH K J"/AU OR "MELLISH KIRSTE J"/AU OR "MELLISH KIRSTE JOANNE"/AU)

E TUNSTALL RICHARD GEORGE/AU

L5 4 SEA ABB=ON ("TUNSTALL RICHARD G"/AU OR "TUNSTALL RICHARD GEORGE"/AU)

E ROBERTS DAVID JOHN HOWARD/AU

L6 20 SEA ABB=ON ("ROBERTS DAVID JOHN"/AU OR "ROBERTS DAVID JOHN HOWARD"/AU)

E VERNON DAVID IAN/AU

L7 30 SEA ABB=ON ("VERNON DAVID I"/AU OR "VERNON DAVID IAN"/AU)

L8 2 SEA ABB=ON L1 AND L2 AND L3 AND L4 AND L5 AND L6 AND L7

D TI 1-2

SELECT RN L8 1-2

FILE 'REGISTRY' ENTERED AT 15:54:29 ON 30 OCT 2007

L9 74 SEA ABB=ON (439119-96-7/BI OR 439119-95-6/BI OR 439119-97-8/BI OR 439119-98-9/BI OR 477600-91-2/BI OR 477600-93-4/BI OR 477600-94-5/BI OR 9012-09-3/BI OR 106343-08-2/BI OR 109-89-7/BI OR 111-42-2/BI OR 111-92-2/BI OR 143-16-8/BI OR 2050-92-2/BI OR 228086-76-8/BI OR 261-89-2/BI OR 2831-66-5/BI OR 439119-93-4/BI OR 46710-21-8/BI OR 4727-46-2/BI OR 477600-90-1/BI OR 477600-92-3/BI OR 477600-95-6/BI OR 506-59-2/BI OR 58083-81-1/BI OR 61-73-4/BI OR 740786-40-7/BI OR 748763-10-2/BI OR 758680-74-9/BI OR 761394-42-7/BI OR 764643-13-2/BI OR 813463-01-3/BI OR 813463-02-4/BI OR 813463-03-5/BI OR 813463-04-6/BI OR 813463-05-7/BI OR 813463-06-8/BI OR 813463-07-9/BI OR 814917-34-5/BI OR 814917-35-6/BI OR 814917-36-7/BI OR 814917-37-8/BI OR 814917-38-9/BI OR 814917-40-3/BI OR 854278-13-0/BI OR 854278-14-1/BI OR 854278-15-2/BI OR 854278-16-3/BI OR 854278-17-4/BI OR 854278-18-5/BI OR 854278-19-6/BI OR 854278-20-9/BI OR 854278-21-0/BI OR 854278-22-1/BI OR 854278-23-2/BI OR 854278-24-3/BI OR 854278-25-4/BI OR 854278-26-5/BI OR 854278-27-6/BI OR 854278-28-7/BI OR 854278-32-3/BI OR 854278-34-5/BI OR 854278-35-6/BI OR 854278-37-8/BI OR 854278-38-9/BI OR 854278-39-0/BI OR 854278-41-4/BI OR 854278-44-7/BI OR 854278-45-8/BI OR 854278-47-0/BI OR 854278-49-2/BI OR 854278-50-5/BI OR 9004-34-6/BI OR 92-84-2/BI)

FILE 'HCAPLUS' ENTERED AT 15:54:44 ON 30 OCT 2007

L10 2 SEA ABB=ON L8 AND L9

D IBIB ABS IND HITSTR L10 1-2

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L11 ANALYZE L10 1-2 CT : 50 TERMS  
D 1-50

FILE 'REGISTRY' ENTERED AT 16:05:45 ON 30 OCT 2007

L12 STRUCTURE 758680-74-9  
L13 50 SEA SSS SAM L12  
L14 1164 SEA SSS FUL L12

FILE 'HCAPLUS' ENTERED AT 16:06:50 ON 30 OCT 2007

L15 15071 SEA ABB=ON L14

FILE 'REGISTRY' ENTERED AT 16:07:29 ON 30 OCT 2007

E CANDIDA ALBICANS/CN  
E E COLI/CN  
E ESCHERECIA COLI/CN  
L16 1 SEA ABB=ON "ESCHERICHIA COLI"/CN  
E P AERUGINOSA/CN  
L17 2 SEA ABB=ON (PSEUDOMONAS AERUGINOSA OR STAPHYLOCOCCUS AUREUS)/C  
N

FILE 'HCAPLUS' ENTERED AT 16:10:22 ON 30 OCT 2007

L18 330 SEA ABB=ON L15 AND (L16 OR L17 OR (C OR ?CANDIDA?) (W)?ALBICANS  
? OR (E OR ?ESCHERICHIA?) (W)?COLI? OR (P OR ?PSEUDOMONAS?) (W)?A  
ERUGINOSA? OR (S OR ?STAPH?) (W)?AUREUS?)  
L19 51 SEA ABB=ON L18 AND (?FUNG? OR ?GRAM?(W) (?NEGAT? OR ?POSIT?)  
OR ?METHICIL?(W)?RESIST?)  
L20 1 SEA ABB=ON L19 AND ?PENTYL?  
D HITSTR  
L21 2 SEA ABB=ON L19 AND (N(W)?PROPYLAMINO? OR N(W)?BUTYLAMINO? OR  
N(W)?PENTYLAMINO? OR ISO?(W)?PENTYL? OR ?ISOPENTYL? OR  
N(W)?HEXYLAMINO? OR ?ETHYLPYPERIDIN? OR ?METHYLPYRROLIDIN? OR  
ISO?(W)?BUTYL? OR ?ISOBUTYL? OR ?DIETHYLAMINO? OR ETHYL?(W)N(W)  
?CYCLOHEXYL?)

FILE 'REGISTRY' ENTERED AT 17:27:20 ON 30 OCT 2007

L22 13 SEA ABB=ON (439119-95-6 OR 439119-96-7 OR 439119-97-8 OR  
854278-28-7 OR 814917-36-7 OR 814917-38-9 OR 854278-21-0 OR  
854278-22-1 OR 854728-28-7 OR 854278-32-3 OR 814917-35-6 OR  
814917-37-8 OR 854278-15-2 OR 854278-35-6)/RN  
L23 STRUCTURE 813463-04-6  
L24 3 SEA SSS SAM L23  
L25 45 SEA SSS FUL L23  
L26 0 SEA ABB=ON L25 AND CL=0  
L27 3 SEA ABB=ON L25 AND IODIDE  
L28 45 SEA ABB=ON L25 NOT CHLORO  
L29 20 SEA ABB=ON L28 AND CHLORIDE  
L30 25 SEA ABB=ON L28 NOT L29

FILE 'HCAPLUS' ENTERED AT 17:53:57 ON 30 OCT 2007

L31 2 SEA ABB=ON L30  
L32 321 SEA ABB=ON L15 AND IODIDE  
L33 321 SEA ABB=ON L32 OR L10  
L34 13 SEA ABB=ON L33 AND (?FUNG? OR ?GRAM?(W) (?NEGAT? OR ?POSIT?)  
OR ?METHICIL?(W)?RESIST?)  
L35 4 SEA ABB=ON L34 AND (L16 OR L17 OR (C OR ?CANDIDA?) (W)?ALBICANS  
? OR (E OR ?ESCHERICHIA?) (W)?COLI? OR (P OR ?PSEUDOMONAS?) (W)?A  
ERUGINOSA? OR (S OR ?STAPH?) (W)?AUREUS?)  
L36 13 SEA ABB=ON L34 OR L35

FILE 'HCAPLUS' ENTERED AT 18:01:17 ON 30 OCT 2007

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L37 5 SEA ABB=ON L36 AND (PRD<20010530 OR PD<20010530)

FILE 'USPATFULL' ENTERED AT 18:01:56 ON 30 OCT 2007  
L38 10 SEA ABB=ON L36 AND (PRD<20010530 OR PD<20010530)

FILE 'HCAPLUS, USPATFULL' ENTERED AT 18:02:24 ON 30 OCT 2007  
L39 15 DUP REMOV L37 L38 (0 DUPLICATES REMOVED)

FILE HOME

FILE HCAPLUS

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FILE COVERS 1907 - 30 Oct 2007 VOL 147 ISS 19  
FILE LAST UPDATED: 29 Oct 2007 (20071029/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 OCT 2007 HIGHEST RN 951883-76-4  
DICTIONARY FILE UPDATES: 29 OCT 2007 HIGHEST RN 951883-76-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE USPATFULL

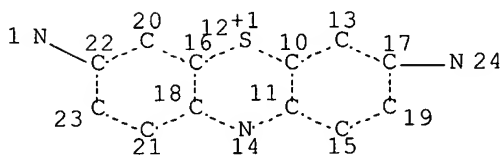
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 30 Oct 2007 (20071030/PD)  
FILE LAST UPDATED: 30 Oct 2007 (20071030/ED)  
HIGHEST GRANTED PATENT NUMBER: US7290289  
HIGHEST APPLICATION PUBLICATION NUMBER: US2007250975  
CA INDEXING IS CURRENT THROUGH 30 Oct 2007 (20071030/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 30 Oct 2007 (20071030/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

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## RESULTS FROM REGISTRY, CAPLUS, AND USPATFULL

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L1 133 SEA FILE=HCAPLUS ABB=ON ("BROWN STANLEY B"/AU OR "BROWN STANLEY BEAMES"/AU)  
 L2 4 SEA FILE=HCAPLUS ABB=ON ("O GRADY CASSANDRA CLAIRE"/AU OR "O GRADY CASSANDRA CLARE"/AU)  
 L3 170 SEA FILE=HCAPLUS ABB=ON "GRIFFITHS JOHN"/AU  
 L4 12 SEA FILE=HCAPLUS ABB=ON ("MELLISH K J"/AU OR "MELLISH KIRSTE J"/AU OR "MELLISH KIRSTE JOANNE"/AU)  
 L5 4 SEA FILE=HCAPLUS ABB=ON ("TUNSTALL RICHARD G"/AU OR "TUNSTALL RICHARD GEORGE"/AU)  
 L6 20 SEA FILE=HCAPLUS ABB=ON ("ROBERTS DAVID JOHN"/AU OR "ROBERTS DAVID JOHN HOWARD"/AU)  
 L7 30 SEA FILE=HCAPLUS ABB=ON ("VERNON DAVID I"/AU OR "VERNON DAVID IAN"/AU)  
 L8 2 SEA FILE=HCAPLUS ABB=ON L1 AND L2 AND L3 AND L4 AND L5 AND L6 AND L7  
 L9 74 SEA FILE=REGISTRY ABB=ON (439119-96-7/BI OR 439119-95-6/BI OR 439119-97-8/BI OR 439119-98-9/BI OR 477600-91-2/BI OR 477600-93-4/BI OR 477600-94-5/BI OR 9012-09-3/BI OR 106343-08-2/BI OR 109-89-7/BI OR 111-42-2/BI OR 111-92-2/BI OR 143-16-8/BI OR 2050-92-2/BI OR 228086-76-8/BI OR 261-89-2/BI OR 2831-66-5/BI OR 439119-93-4/BI OR 46710-21-8/BI OR 4727-46-2/BI OR 477600-90-1/BI OR 477600-92-3/BI OR 477600-95-6/BI OR 506-59-2/BI OR 58083-81-1/BI OR 61-73-4/BI OR 740786-40-7/BI OR 748763-10-2/BI OR 758680-74-9/BI OR 761394-42-7/BI OR 764643-13-2/BI OR 813463-01-3/BI OR 813463-02-4/BI OR 813463-03-5/BI OR 813463-04-6/BI OR 813463-05-7/BI OR 813463-06-8/BI OR 813463-07-9/BI OR 814917-34-5/BI OR 814917-35-6/BI OR 814917-36-7/BI OR 814917-37-8/BI OR 814917-38-9/BI OR 814917-40-3/BI OR 854278-13-0/BI OR 854278-14-1/BI OR 854278-15-2/BI OR 854278-16-3/BI OR 854278-17-4/BI OR 854278-18-5/BI OR 854278-19-6/BI OR 854278-20-9/BI OR 854278-21-0/BI OR 854278-22-1/BI OR 854278-23-2/BI OR 854278-24-3/BI OR 854278-25-4/BI OR 854278-26-5/BI OR 854278-27-6/BI OR 854278-28-7/BI OR 854278-32-3/BI OR 854278-34-5/BI OR 854278-35-6/BI OR 854278-37-8/BI OR 854278-38-9/BI OR 854278-39-0/BI OR 854278-41-4/BI OR 854278-44-7/BI OR 854278-45-8/BI OR 854278-47-0/BI OR 854278-49-2/BI OR 854278-50-5/BI OR 9004-34-6/BI OR 92-84-2/BI)  
 L10 2 SEA FILE=HCAPLUS ABB=ON L8 AND L9  
 L12 STR



## NODE ATTRIBUTES:

CHARGE IS E+1 AT 12  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 16

## STEREO ATTRIBUTES: NONE

L14 1164 SEA FILE=REGISTRY SSS FUL L12  
 L15 15071 SEA FILE=HCAPLUS ABB=ON L14  
 L16 1 SEA FILE=REGISTRY ABB=ON "ESCHERICHIA COLI"/CN  
 L17 2 SEA FILE=REGISTRY ABB=ON (PSEUDOMONAS AERUGINOSA OR STAPHYLOCO  
 CCUS AUREUS)/CN  
 L32 321 SEA FILE=HCAPLUS ABB=ON L15 AND IODIDE  
 L33 321 SEA FILE=HCAPLUS ABB=ON L32 OR L10  
 L34 13 SEA FILE=HCAPLUS ABB=ON L33 AND (?FUNG? OR ?GRAM?(W) (?NEGAT?  
 OR ?POSIT?) OR ?METHICIL?(W)?RESIST?)  
 L35 4 SEA FILE=HCAPLUS ABB=ON L34 AND (L16 OR L17 OR (C OR ?CANDIDA?  
 )(W)?ALBICANS? OR (E OR ?ESCHERICHIA?)(W)?COLI? OR (P OR  
 ?PSEUDOMONAS?)(W)?AERUGINOSA? OR (S OR ?STAPH?)(W)?AUREUS?)  
 L36 13 SEA FILE=HCAPLUS ABB=ON L34 OR L35  
 L37 5 SEA FILE=HCAPLUS ABB=ON L36 AND (PRD<20010530 OR PD<20010530)  
 L38 10 SEA FILE=USPATFULL ABB=ON L36 AND (PRD<20010530 OR PD<20010530  
 )  
 L39 15 DUP REMOV L37 L38 (0 DUPLICATES REMOVED)

=> d ibib abs hitstr l39 1-15

L39 ANSWER 1 OF 15 USPATFULL on STN

ACCESSION NUMBER: 2003:265222 USPATFULL Full-text  
 TITLE: Methods and compositions of amplifying RNA  
 INVENTOR(S): Ginsberg, Stephen D., Houston, TX, UNITED STATES  
 Che, Shaoli, Houston, TX, UNITED STATES  
 PATENT ASSIGNEE(S): Baylor College of Medicine (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003186237	A1	20031002
APPLICATION INFO.:	US 2002-75335	A1	20020214 (10)

	NUMBER	DATE	
PRIORITY INFORMATION:	US 2001-268664P	20010214 (60)	<--
	US 2001-348242P	20011107 (60)	
	US 2001-268645P	20010214 (60)	<--
	US 2001-344557P	20011107 (60)	
	US 2001-306216P	20010718 (60)	
	US 2001-350176P	20011109 (60)	

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: FULBRIGHT & JAWORSKI, LLP, 1301 MCKINNEY, SUITE 5100,  
 HOUSTON, TX, 77010-3095

NUMBER OF CLAIMS: 79  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 17 Drawing Page(s)  
 LINE COUNT: 4827

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention pertains to a method that will increase the efficiency  
 of second strand cDNA synthesis through a mechanism of "terminal  
 continuation" before further RNA amplification by RNA transcription using,  
 for example, a bacteriophage promoter. In a specific embodiment, a  
 transcription promoter is attached to the 5' region of cDNA through the same  
 mechanism of "terminal continuation". Genetic signals are subsequently  
 amplified in a linear manner through RNA transcription. In specific  
 embodiments, the orientation of the transcribed RNA is either sense or